MUSI 507

Technology for Musicians

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Dr. Chapman Welch, Instructor

chapman.welch@gmail.com

ONLINE/Wortham Theater if possible

TTH 11:20AM-12:40PM

Office Hours: by appointment

Course Objectives

To provide student musicians with the computer skills necessary for modern musical life. The course will cover the basics of audio/video production, and website creation. Students will complete assignments in each of these topics and will present a final project based on one or more of the topics covered in class. The applications discussed in class will include Reaper, Melodyne, Izotope RX7, iMovie or equivalent, and WordPress.

Introduction to Computer Audio

Physics of sound and Recording basics (microphones, interfaces, recording techniques)

Audio Editing and Mixing

Spectral Editing/Tuning

Introduction to Computer Video

Recording and importing digital video

Introduction to iMovie

Exporting video

Web Design and Website Building

Website design using Wordpress

Grading

40% Topic Assignments (Audio and Video)

50% Final Project (you must turn in a written proposal for approval)

10% Attendance/Studio Policy

ATTENDANCE/STUDIO POLICY

Excused absences will only be given with documentation from a health care provider or documentation of an emergency family illness. It is your responsibility to obtain the information taught on the days you were absent or late from a fellow student. Excessive tardiness will not be tolerated.

You may be absent (unexcused) up to two times. Your third absence will result in a 10-point deduction from your final grade. Professional absences will be excused with prior notice of one week. These include jobs, interviews and conferences related to your degree or career field.

Respect your colleagues by keeping the studio clean and orderly. Failure to do so could limit your studio access.

You must have a PC, Mac or Linux computer. If we are forced to pivot to fully online instruction, ChromeBooks cannot run the needed software.

You will need to purchase ($60), download and install Reaper. Download here: https://www.reaper.fm/

HONOR CODE

Students must turn in their own work though some collaboration is acceptable. The use of copyrighted materials must be cleared with the author.

Learning Disabilities:

Please contact me if you have a documented disability that may require some modification of seating, testing, or other class requirements so that appropriate arrangements can be made.

Class Policies:

You must check your email regularly.

Students may use Rooms C and D (User: REMLABS Password: remlabs). You will be assigned 6 hours of studio time per week.

Other studio topics may be found on the REMLABS blog at

http://remlabs.blogs.rice.edu .

Click on the FAQ tab or navigate directly to the FAQ page here:

http://remlabs.blogs.rice.edu/faq

Best practices for online teaching FAQ:

The DIGITAL MEDIA CENTER in Fondren Library

You may check out cameras and other materials from the Digital Media Center.

http://dmc.rice.edu/